Substitute for form 1449A/PTO

INFORMATION DISCLOSURE

Filing Date

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	9	٢

Complete if Known					
Application Number	Not yet assigned				
Filing Date	February 16, 2005				
First Named Inventor	Lea EISENBACH				
Group Art Unit		,			
Examiner Name					
Attorney Docket Number	EISENBACH4A				

			U.S. PAT	ENT DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code <sup>x (1)</sup> (moun)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Sheet	2	EISENBACH4A	2	Attorney Docket Number	EISENBACH4A	

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
		Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published					
		BEHR, Thomas M., "Radioimmunotherapy of Small-Volume Disease of Metastatic Colorectal Cancer: Results of a Phase II Trial with the Iodine-131-Labeled Humanized Anti-Carcinoembryonic Antigen Antibody hMN-14", Cancer (2002), Vol. 94, No. 4, pp. 1373-1381					
		CHAMES, Patrick, "Direct selection of a human antibody fragment directed against the tumor T-cell epitope HLA-A1-MAGE-A1 from a nonimmunized phage-Fab library", PNAS (2000) 97:14, pp. 7969-7974					
	AC	FISHMAN, Pnina et al., "Autoantibodies to Tyrosinase: The Bridge between Melanoma and Vitiligo", Cancer (1997), Vo. 79, No. 8, pp. 1461-1464					
	AD	GOVORKO, Dimitri et al., "Single-chain antibody against the common epitope of mutant p53: isolation and intracytosolic expression in mammalian cells", Journal of Immunological Methods (2001), Vol. 258, pp. 169-181	_				
	AE	HUANG, Sharon K.S., "Antibody Responses to Melanoma/Melanocyte Autoantigens in Melanoma Patients", (1998), Vol. III, No. 4, The Journal of Investigative Dermatology, Inc., pp. 662-667					
	AF	JAGER, Elke et al., "Humoral Immune Responses of Cancer Patients Against Cancer-Testis" Antigen NY-ESO-1: Correlation with Clinical Events", (1999) 84, Int. J. Cancer (Pred. Oncol.), pp. 506-510					
	AG	LEV, A. et al., "Isolation and Characterization of Human Recombinant Antibodies Endowed with the Antigen- specific, Major Histocompatibility Complex-restricted Specificity of T Cells Directed toward the Widely Expressed Tumor T-cell Epitopes of the Telomerase Catalytic Subunit", (2002), Cancer Research, vol. 62, pp. 3184-3194					
		MOASE, E.H. et al., "Anti-MUC-1 immunoliposomal doxorubicin in the treatment of murine models of metasttic breast cancer", (2001), Biochimica et Biohysica Acta 1510, pp. 43-55	_				
		NIETHAMMER, Andreas G. et al., "An oral DNA vaccine against human carcinoembryonic antigen (CEA) prevents growth and dissemination of Lewis lung carcinoma in CEA transgenic mice", (2002), Vaccine 20, pp. 421-429					
		OKAMOTO, Tetsuro et al., "Anti-Tyrosinase-Related Protein-2 Immune Response In Vitiligo patients and Melanoma Patients Receiving Active-Specific Immunotherapy", (1998), The Journal of Investigative Dermatology, Inc., pp. 1034-1039					
		PARKER, Kenneth C., "Scheme for Ranking Potential HLA-A2 Binding Peptides Based on Independent Binding of Individual Peptide Side-Chains", (1994), Journal of Immunology, pp. 163-175					
	AL	REDDISH, Mark A., "Anti-MUC1 Class I Restricted CTLs In Metastatic Breast Cancer Patients Immunized with a Synthetic Muc1 Peptide", (1998), vol. 76, Int. J. Cancer, pp. 817-823					
	AM	ULLENHAG, Gustav J. et al., "Induction of IgG Subclass Responses in Colorectal Carcinoma Patients Vaccinated with Recombinant Carcinoembryonic Antigen", (2002), Cancer Research, Vol. 62, pp. 1364-1369					
	AN	YIP, Yum L., "Anti-ErbB-2 monoclonal antibodies and ErbB-2-directed vaccines", (2002), Vol. 50, Cancer Immunol Immunother, pp. 569-587					

Examiner	·	Date	07/04/0007
Signature	/Lynn Bristol/	Considered	07/01/2007
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Jubsulute	101101111 1445/01-10			Application Number	10/524,787	· <del></del>
INFO	RMATION D	ISCLOSU	JRE	Filing Date	July 28, 2003	
STAT	<b>TEMENT BY</b>	APPLICA	NT	First Named Inventor	Lea EISENBACH	·
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Sheet	I 1	of 2		Attorney Docket Number	EISENBACH4A	

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
xaminer nitials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	vhere T <sup>2</sup>	
LAB AC		CARMON, L et al "Novel Breast-Tumor-Associated MUC1-Derived Peptides: Characterization in Db-/- X β2 Microglobulin (β2m) Null Mice Transgenic for a Chimeric HLA-A2.1/D <sup>6</sup> -β2 Microglobulin Single Chain" Int. J. Cancer 85 (2000) pp:391-397		
	AP	CARMON, L et al "Characterization of novel breast carcinoma-associated BA46-derived peptides in HLA-A2.1D <sup>b</sup> - β2m transgenic mice: J. Clin. Invest. 110 (2002) pp: 453–462		
	AQ	CELIS, ESTEBAN et al "Induction of anti-tumor cytotoxic T lymphocytes in normal humans using primary cultures and synthetic peptide epitopes" Proc. Natl. Acad. Sci. Vol. 91, (March 1984) pp. 2105-2109		
	AR	CONROY, R.M. et al "Phase I Trial of a Recombinant Vaccinia Virus Encoding Carcinoembryonic Antigen in Metastatic Adencarcinoma: Companson of Intradermal versus Subcutaneous Administration" Clin Cancer Res. 5 (1999) pp 2330-2337.		
	AS	DEBLANDRE, GISELE A. et al "Expression Cloning of an Interferon-inducible 17-kDa Membrane Protein Implicated in the Control of Cell Growth" The J. of Biological Chemistry Vol. 270, No. 40 (October 1995) pp:23860-23866		
	AT	FIRAT, H et al "Comparative analysis of the CD8* T cell repertoires of H-2 class I wild-type/HLA-A2.1 and H-2 class I knockout/HLA-A2.1 transgenic mice" Int. Immunol. 14 (2002) pp:925-934		
	AU	FONG, LAWRENCE, et al "Induction of Tissue-Specific Autoimmune Prostatitis with Prostatic Acid Phosphatase Immunization: Implications for Immunotherapy of Prostate Cancer" The J. of Immunology (1997) pp:3113-3117		
	AV	HISAMATSU, TADAKAZU, et al "Interferon-inducible Gene Family 1-8U Expression in Colitis associated Colon Cancer and Severely Inflamed Mucosa in Ulcerative Colitis" J. Cancer Research 59 (1999) pp:5927-5931		
	AW	KAWAKAMI, YUTAKA et al "Recognition of Multiple Epitopes in the Human Melanoma Antigen gp100 by Tumor- Infiltrating T Lymphocytes Associated with In Vivo Tumor Regression" The J. of Immunology (1995) pp:3961- 3968	<u>.                                      </u>	
		LEWIN, ANDREW R. et al "Molecular Analysis of a Human interferon-inducible gene family" J. Biochem. 199 (1991) pp:417-423		
		MACHLENKIN, A et al "Human CTL Epitopes Prostatic Acid Phosphates-3 and Six-Transmembrane Epithelial Antigen of Prostate-3 as Candidates for Prostate Cancer Immunotherapy" Cancer Res. 65 (2005) pp: 6435-6442	-	
اله		MANDELBOIM, OFER et al "Regression of established murine carcinoma metastases following vaccination with tumour-associated antigen peptides" Nature Medicine, Vol 1, No. 11, (November 1995) pp:1179-1183		

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Sheet	2	of	2 .	Attorney Docket Number	EISENBACH4A		

4	<b>B</b>	ВА	MOLLER, P. et al "Small ISGs Coming Forward" J. Interferon Cytokine Res. 24 (2004) pp: 1-19	•			
			MURPHY, G.P. et al "Infusion of Dendritic Cells pulsed with HLA-A2-Specific Prostate-Specific Membrane Antigen Peptides: A Phasse II Prostate Cancer Vaccine Trial Involving Patients with Hormone-Refractory Metastatic Disease" Prostate 38 (1999) pp. 73-78				
	PASCOLO, STEVE et al "HLA-A2.1-restricted Education and Cytolytic Activity of CD8+ T Lymphocytes from β2 Microglobulin (β2m) HLA-A2.1 Monochain Transgenic H-2D <sup>b</sup> β2m Double Knockout Mice* J. Exp. Med. Vol. 185, No. 12, (June 1997) pp. 2043-2051						
		TJOA, B.A. "Follow-Up Evaluation of a Phase II Prostate Cancer Vaccine Trial" The Prostate 40 (1999) pp: 125-129					
		BE	XU, LINDA L. et al " PSGR, a Novel Prostate-specific Gene with Homology to a G Protein-coupled Receptor, Is Overexpressed in Prostate Cancer" Cancer Research 60 (December 2000) pp:6568-6572				
			ZHANG, LIN et al "Gene Expression Profiles in Normal and Cancer Cells" Science Vol. 276 (May 1997) pp:1268-1272				
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